

CLAIMS

1. A crosslinkable elastomer composition for plasma process comprising a crosslinkable elastomer and a carbon fluoride filler.

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2. The crosslinkable elastomer composition of Claim 1, which further comprises a silicic compound inorganic filler and/or a filler comprising a synthetic polymer having a thermally and chemically stable aromatic ring in the main chain.

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3. The crosslinkable elastomer composition of Claim 2, wherein said synthetic polymer having a thermally and chemically stable aromatic ring in the main chain is a synthetic polymer having an amide bond or an imide bond in the main chain.

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4. The crosslinkable elastomer composition of Claim 2, wherein said silicic compound inorganic filler has average particle size of at most 0.5 μm .

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5. The crosslinkable elastomer composition of Claim 2, wherein said filler comprising a synthetic polymer having a thermally and chemically stable aromatic ring in the main chain has specific surface area of at least 0.5 m^2/g .

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6. The crosslinkable elastomer composition of Claim 1, 2, 3, 4 or 5, wherein said carbon fluoride filler is heat treated at 300 to 550°C in advance.

7. The crosslinkable elastomer composition of Claim 1, 2, 3, 4, 5 or 6, wherein said crosslinkable elastomer is a perfluoro elastomer.

8. A molded article for plasma process comprising the crosslinkable elastomer composition of Claim 1, 2, 3, 4, 5, 6 or 7.

9. A sealing material for plasma process comprising the crosslinkable elastomer composition of Claim 1, 2, 3, 4, 5, 6 or 7.